

FIG. 1

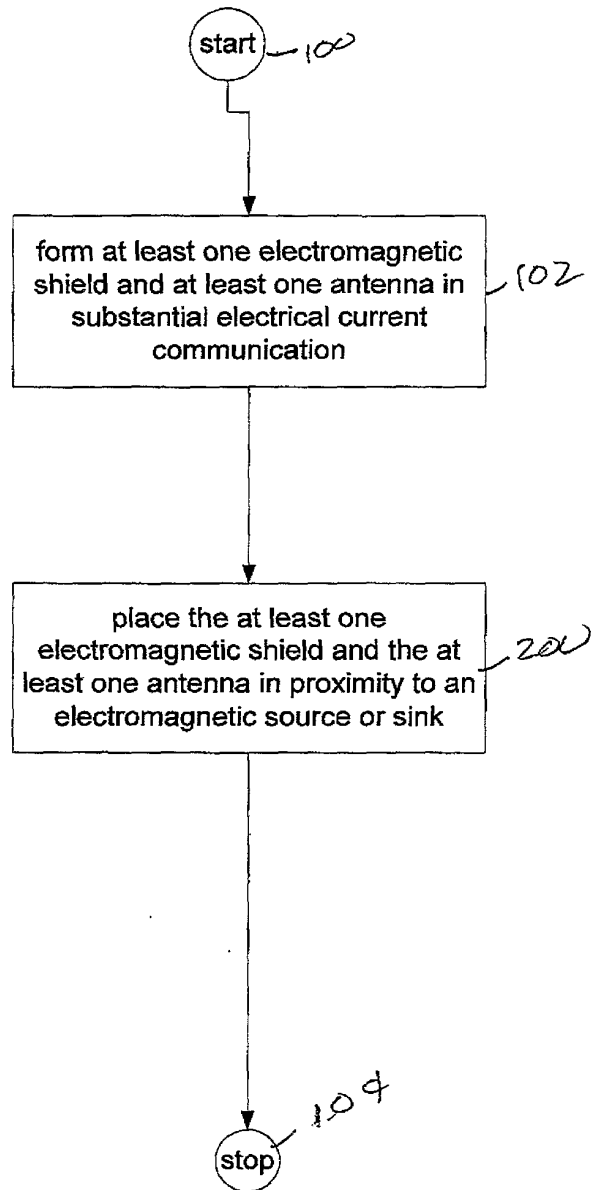


FIG 2

FIG. 3A

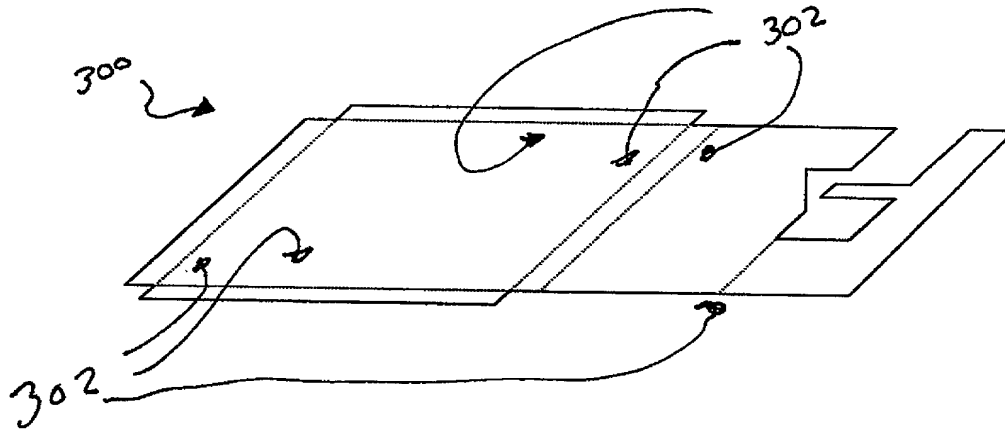


FIG. 4A

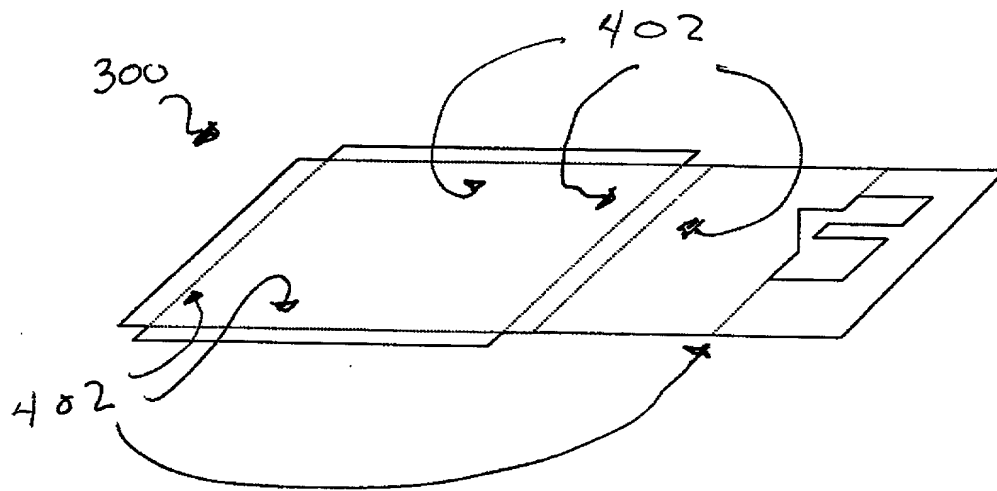


FIG. 3B

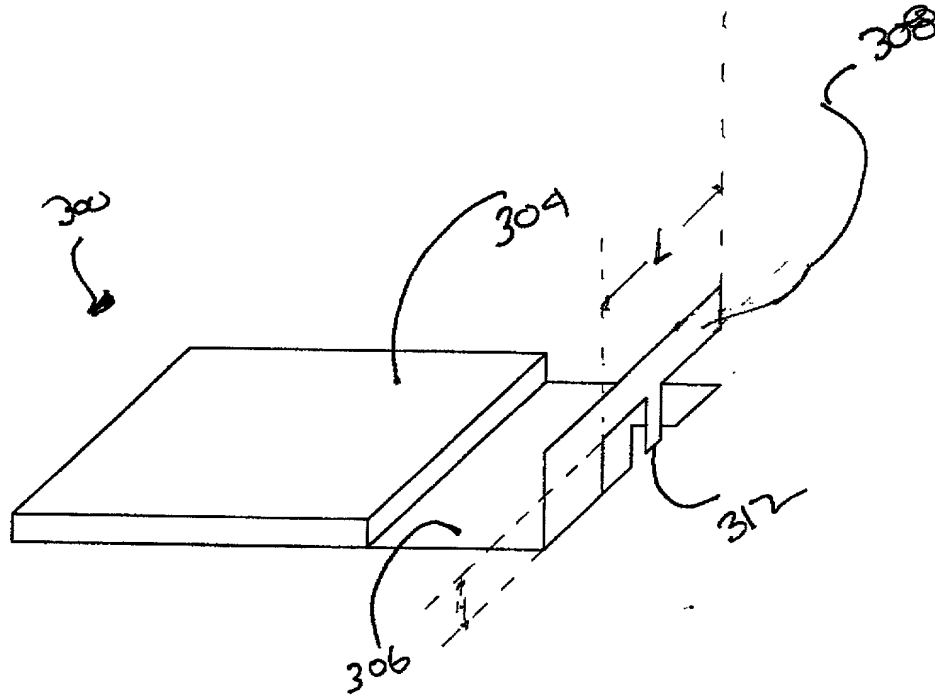


FIG. 4B

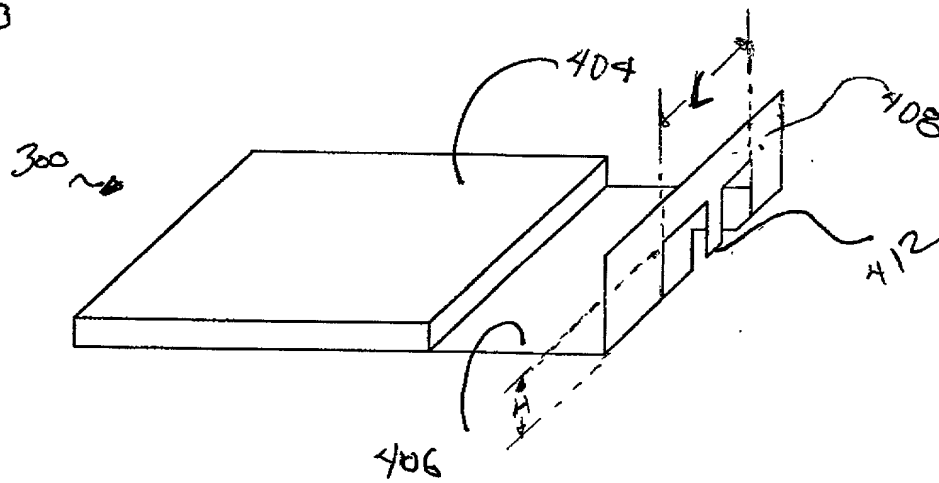


FIG. 3C

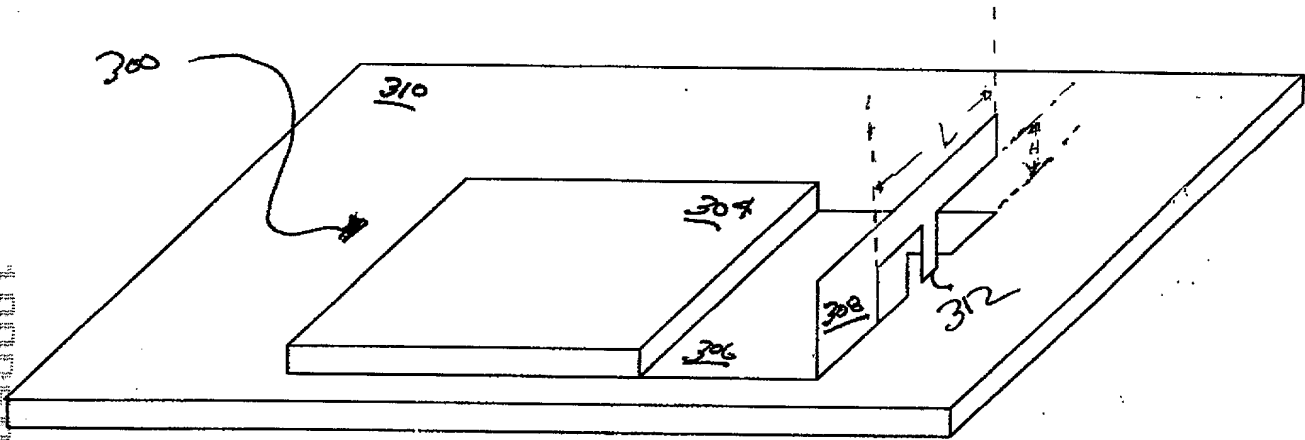


FIG. 4K

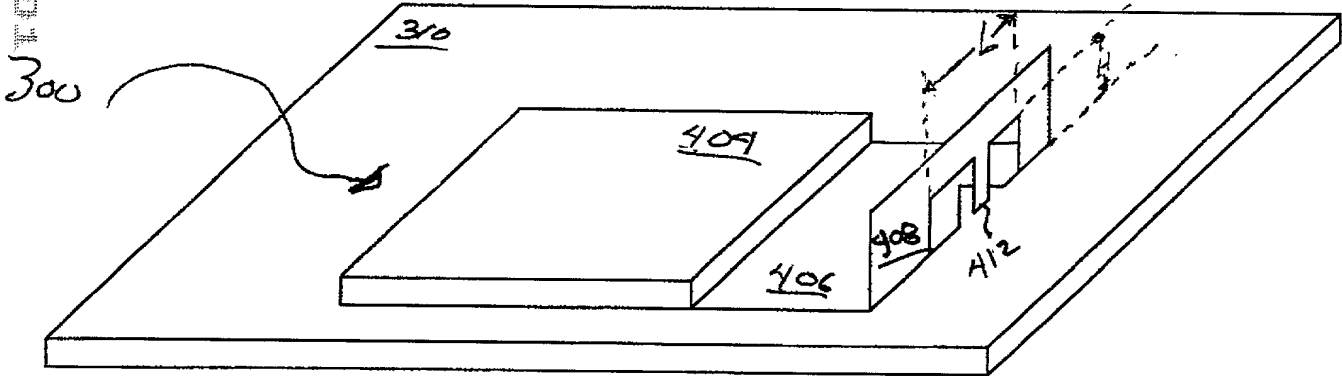
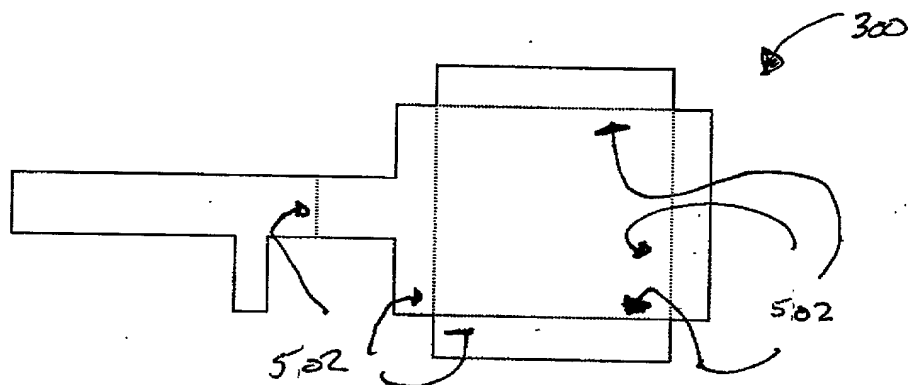


FIG. 5A



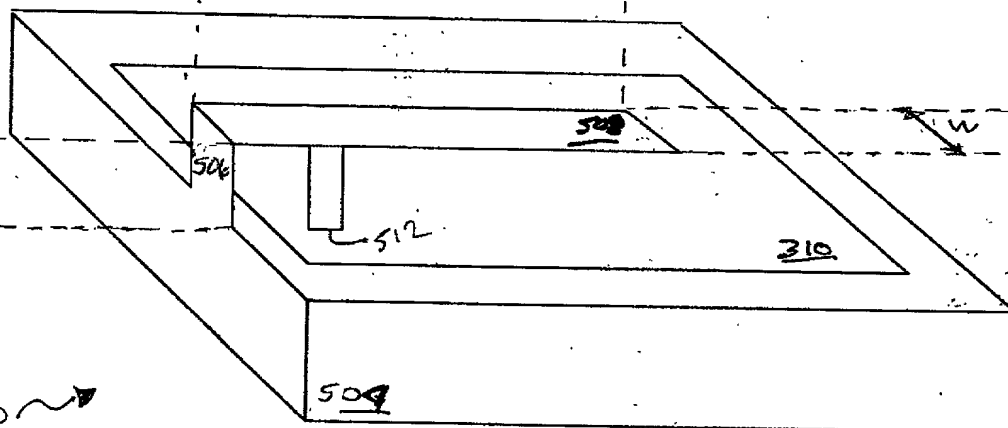
L

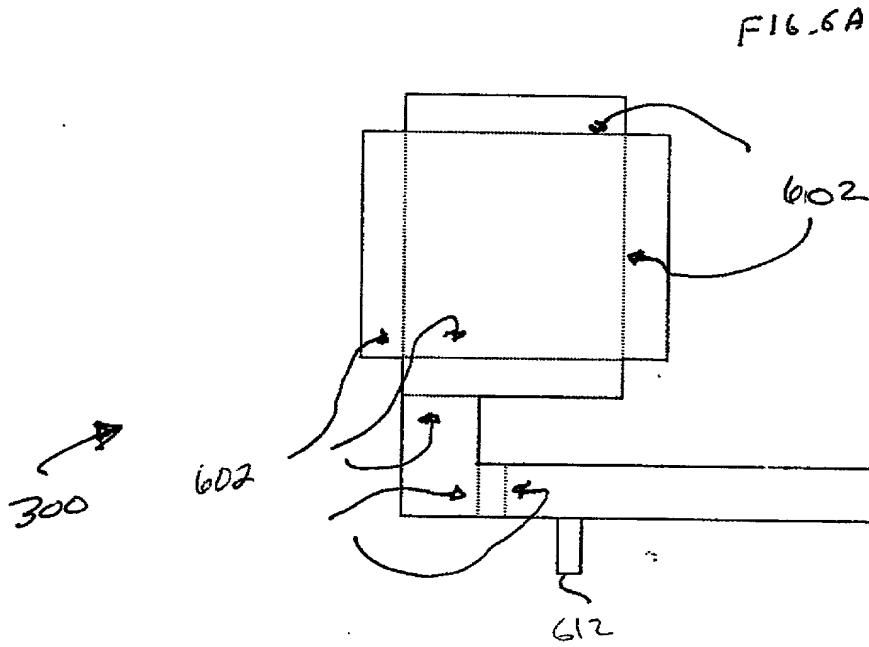
H

W

300

FIG. 5B





1006043 12344

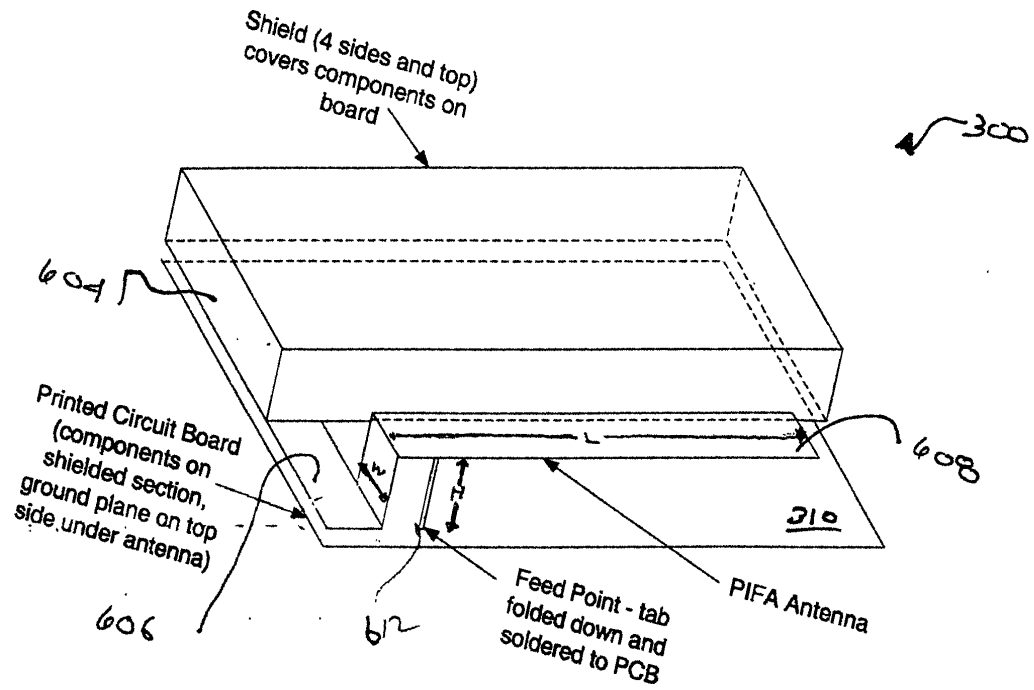
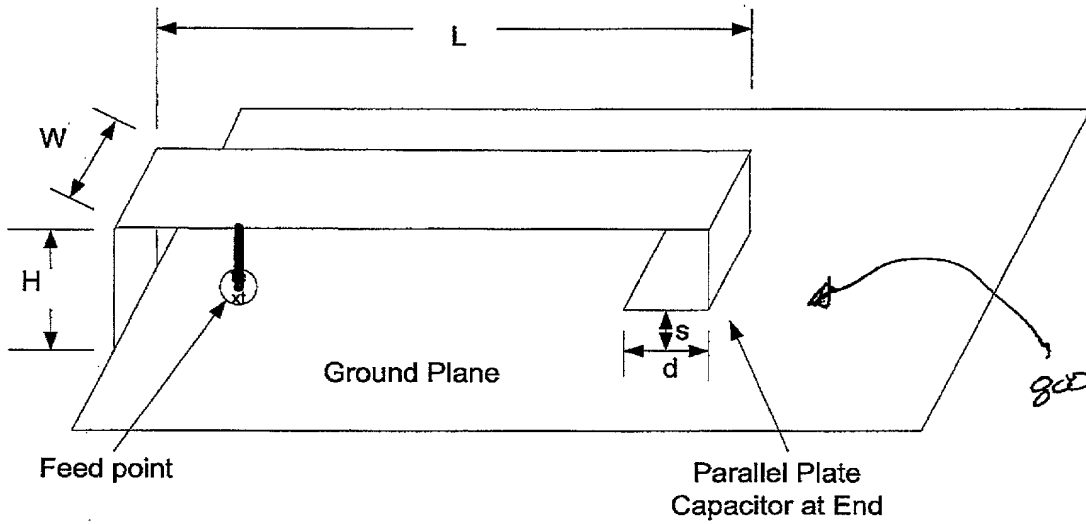


FIG. 6B



Here, since radiating element radiates below Printed Circuit Board, Printed Circuit Board of Material Sufficient to Act as Shielding and/or Has Metal Layer

PIFA with Integral Capacitor at Open End



Frequency determined primarily by L and Capacitance
Capacitance determined by area $W \times d$ and height above ground s
Bandwidth and Efficiency influenced by L , W , and H

FIG. 8